

PATENT APPLICATION  
Mo6592D  
LeA 33,498D

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICATION OF )  
THOMAS BRETSCHNEIDER ET AL )  
SERIAL NUMBER: TO BE ASSIGNED )  
FILED: HEREWITH )  
TITLE: SYNERGISTIC INSECTICIDE )  
MIXTURES )

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. 1.97 AND 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement Pursuant to 37 C.F.R. Section 1.97 and 1.98 is being submitted before the first Office Action in order that the Patent and Trademark Office may consider the relevancy of certain information to the invention described and claimed in the subject application, and in compliance with the regulations concerning information disclosure statements.

As permitted by 37 C.F.R. 1.98(d)(1) and (2), Applicants are not supplying herewith copies of any patent, publication, pending U.S. application or other information listed on the accompanying Form PTO 1449.

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Signature of person mailing paper or fee)

The present application is a Divisional application of U.S. Patent Application Serial Number 09/937,239, filed September 21, 2001, (the "Earlier Application(s)") which Earlier Application(s) is (are) relied upon for an earlier effective filing date under 35 U.S.C. Section 120. The Information cited on the accompanying Form PTO 1449 was cited in and copies thereof were provided with one or more Information Disclosure Statements and/or Forms PTO1449 filed in the Earlier Application(s).

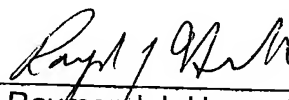
More particularly, this Information was cited and copies thereof were provided in the Earlier Application(s) by way of:

Form PTO 1449 filed January 7, 2003 in Serial Number 09/937,239.

Additional Information may have been cited in, and copies thereof may have been provided by the U.S.P.T.O. with, one or more Forms PTO 892 in the Earlier Application(s). Applicants request that such Information also be made of record in the case.

This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional Information material to the examination of this application does not exist, that any document mentioned herein constitutes prior art, or that the documents listed severally or in any combination with one another or with any other information, are believed to render any claim in the subject application prima facie unpatentable.

Respectfully submitted,

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**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use Several Sheets If Necessary)Atty. Docket No.  
Mo6592D/LeA 33,498DSerial No.  
09/937,239Applicant  
Thomas Bretschneider et alFiling Date  
9/21/01Group  
1616**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	35,811	05/26/98	(Bel. to corresp. to EP Shiokawa et al	383,091 & EP 514	375,907) 357	
	AB	4,511,350	04/16/85	(Bel. to corresp. to EP Romanauskas	136,686) 494	82	
	AC	4,531,002	07/23/85	(Bel. to corresp. to EP Harris	135,956) 544	54	
	AD	4,590,272	05/20/86	(Bel. to corresp. to EP Shiokawa et al	136,636) 544	335	
	AE	4,606,862	08/19/86	(Bel. to corresp. to EP Harris	135,956) 260	402.5	
	AF	4,647,570	03/03/87	(Bel. to corresp. to EP Shiokawa et al	154,178) 514	341	
	AG	4,680,294	07/14/87	(Bel. to corresp. to EP Shiokawa et al	154,178) 514	256	
	AH	4,687,845	08/18/87	(Bel. to corresp. to EP Hollowood et al	189,972) 544	54	
	AI	4,742,060	05/03/88	(Bel. to corresp. to EP Shiokawa et al	192,060) 514	252	
	AJ	4,772,247	09/20/88	(Bel. to corresp. to EP Stockton	163,855) 474	8	
	AK	4,772,620	09/20/88	(Bel. to corresp. to EP Shiokawa et al	212,600) 514	341	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL	*42 16 814	01/21/93	Germany				
	AM	*195 19 007	11/28/96	Germany				
	AN	91/17659	11/28/91	World Patent				
	AO	37 12 307	10/20/88	Germany (Abstract Included)				X
	AP	36 39 877	05/26/88	Germany (Abstract Included)				X

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AR	Chem. Inc., 37, (month unavailable), 1985, pages 730-731, H. R. Ungerer, "Schiffsfarben - eine Spezialität der seenahen Lackindustrie"
	AS	Weeds, 15, (month unavailable), 1967, pages 20-22, S. R. Colby, "Calculating Synergistic and Antagonistic Responses of Herbicide Combinations"
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<b>Form PTO 1449</b> Rev. 7-80 <b>U.S. Department of Commerce</b> Patent and Trademark Office <b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use Several Sheets If Necessary)	<div style="text-align: right;">Sheet <u>2</u> of <u>7</u></div> <table style="width: 100%;"> <tr> <td style="width: 50%;">Atty. Docket No. Mo6592D/LeA 33,498D</td> <td style="width: 50%;">Serial No. 09/937,239</td> </tr> <tr> <td colspan="2">Applicant Thomas Bretschneider et al</td> </tr> <tr> <td>Filing Date 9/21/01</td> <td>Group 1616</td> </tr> </table>	Atty. Docket No. Mo6592D/LeA 33,498D	Serial No. 09/937,239	Applicant Thomas Bretschneider et al		Filing Date 9/21/01	Group 1616
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Applicant Thomas Bretschneider et al							
Filing Date 9/21/01	Group 1616						

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	4,803,277	02/07/89	(Bel. to corresp. to EP Shiokawa et al	259,738) 514	332	
AB	4,806,553	02/21/89	(Bel. to corresp. to EP Shiokawa et al	254,859) 514	332	
AC	4,812,454	03/14/89	(Bel. to corresp. to EP Shiokawa et al	212,600) 514	256	
AD	4,812,571	03/14/89	(Bel. to corresp. to EP Shiokawa et al	163,855) 546	296	
AE	4,845,106	07/04/89	(Bel. to corresp. to EP Shiokawa et al	192,060) 514	342	
AF	4,849,432	07/18/89	(Bel. to corresp. to EP Shiokawa et al	235,725) 514	341	
AG	4,882,344	11/21/89	(Bel. to corresp. to EP Shiokawa et al	259,738) 514	342	
AH	4,914,113	04/03/90	(Bel. to corresp. to EP Shiokawa et al	315,826) 514	333	
AI	4,918,086	04/17/90	(Bel. to corresp. to EP Gsell	302,833) 514	351	
AJ	4,918,088	04/17/90	(Bel. to corresp. to BR Gsell	88 03,621) 514	357	
AK	4,948,798	08/14/90	(Bel. to corresp. to EP Gsell	306,696) 514	275	

### FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					Yes	No*
AL	2,052,731	04/06/92	Canada			
AM	3,220,176	09/27/91	Japan (Abstract Included)			X
AN	63,307,857	12/15/88	Japan (Abstract Included)			X
AO	63,287,764	11/24/88	Japan (Abstract Included)			X
AP	3,246,283	11/01/91	Japan (Abstract Only)			

### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,963,572	10/16/90	(Bel. to corresp. to EP Gsell	303,570) 514	357	
	AB	4,963,574	10/16/90	(Bel. to corresp. to FR Bachmann et al	2,611,114) 514	357	
	AC	4,988,712	01/29/91	(Bel. to corresp. to EP Shiolawa et al	259,738) 514	340	
	AD	5,001,138	03/19/91	(Bel. to corresp. to EP Shiolawa et al	192,060) 514	342	
	AE	5,032,589	07/16/91	(Bel. to corresp. to EP Shiolawa et al	386,565) 514	245	
	AF	5,034,404	07/23/91	(Bel. to corresp. to EP Uneme et al	376,279 & EP 514	493,369) 365	
	AG	5,034,524	07/23/91	(Bel. to corresp. to EP Shiolawa et al	386,565) 544	124	
	AH	5,039,686	08/13/91	Davies et al			
	AI	5,049,571	09/17/91	(Bel. to corresp. to EP Gsell	302,833) 514	345	
	AJ	5,051,434	09/24/91	(Bel. to corresp. to EP Kozo et al	383,091 & EP 514	375,907) 357	
	AK	5,054,194	10/08/91	(Bel. to corresp. to EP Pollock	383,091 & EP 29	375,907) 840	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL	4,009,371	01/14/92	Japan (Abstract Included)				X
	AM	3,279,359	12/10/91	Japan (Abstract Included)				X
	AN	3,255,072	11/13/91	Japan (Abstract Included)				X
	AO	5,178,883	07/20/93	Japan (Abstract Included)				X
	AP	7,173,157	07/11/95	Japan (Abstract Included)				X

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,063,236	11/05/91	(Bel. to corresp. to EP Gsell	306,696) 514	318	
	AB	5,066,808	11/19/91	(Bel. to corresp. to EP Shiolawa et al	364,844) 514	231.5	
	AC	5,084,467	01/28/92	(Bel. to corresp. to EP Shiolawa et al	383,091 & EP 514	375,907) 357	
	AD	5,166,164	11/24/92	(Bel. to corresp. to EP Nanjo et al	425,978) 514	357	
	AE	5,175,301	12/29/92	(Bel. to corresp. to EP Minamida et al	302,389) 546	272	
	AF	5,192,778	03/09/93	(Bel. to corresp. to EP Kodaka et al	455,000) 514	341	
	AG	5,204,359	04/20/93	(Bel. to corresp. to EP Shiolawa et al	383,091 & EP 514	375,907) 332	
	AH	5,204,360	04/20/93	(Bel. to corresp. to EP Shiolawa et al	192,060) 514	342	
	AI	5,214,152	05/25/93	(Bel. to corresp. to EP Minamida et al	302,389) 548	181	
	AJ	5,238,949	08/24/93	(Bel. to corresp. to EP Shiolawa et al	383,091 & EP 514	375,907) 327	
	AK	5,256,679	10/26/93	(Bel. to corresp. to EP Minamida et al	471,372 514	357	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL	8,291,171	11/05/96	Japan (Abstract Included)				X
	AM	2-207083	08/16/90	Japan (Abstract Included)				X
	AN							
	AO							
	AP							

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,264,584	11/23/93	(Bel. to corresp. to EP Kodaka et al	455,000) 548	332.5	
	AB	5,280,123	01/18/94	(Bel. to corresp. to EP Nanjo et al	464,830) 548	111	
	AC	5,298,507	03/29/94	(Bel. to corresp. to EP Shiolawa et al	192,060) 514	256	
	AD	5,384,324	01/24/95	(Bel. to corresp. to EP Shiolawa et al	364,844) 514	365	
	AE	5,405,961	04/11/95	(Bel. to corresp. to EP Nanjo et al	464,830) 544	243	
	AF	5,428,032	06/27/95	(Bel. to corresp. to EP Shiolawa et al	192,060) 514	226.8	
	AG	5,434,181	07/18/95	(Bel. to corresp. to EP Kodaka et al	649,845) 514	471	
	AH	5,461,167	10/24/95	(Bel. to corresp. to EP Shiolawa et al	192,060) 548	202	
	AI	5,489,603	02/06/96	(Bel. to corresp. to EP Uneme et al	376,279 & EP 514	493,369) 365	
	AJ	5,532,365	07/02/96	(Bel. to corresp. to EP Kodaka et al	649,845) 544	212	
	AK	5,580,889	12/03/96	(Bel. to corresp. to EP Shiolawa et al	192,060) 514	343	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,614,527	03/25/97	(Bel. to corresp. to EP Kinoshita et al	685,477) 514	256	
	AB	5,633,375	05/27/97	(Bel. to corresp. to EP Uneme et al	376,279 & EP 544	493,369) 336	
	AC	5,696,256	12/09/97	(Bel. to corresp. to EP Kando et al	471,372) 540	463	
	AD	5,719,146	02/17/98	(Bel. to corresp. to EP Shiolawa et al	386,565) 514	229.2	
	AE	5,750,704	05/12/98	(Bel. to corresp. to EP Shiolawa et al	192,060) 546	275.1	
	AF	5,849,768	12/15/98	(Bel. to corresp. to EP Minamida et al	302,389) 514	357	
	AG	5,852,012	12/22/98	(Bel. to corresp. to EP Maienfisch et al	580,553) 514	229.2	
	AH	5,935,981	08/10/99	(Bel. to corresp. to EP Minamida et al	302,389) 514	365	
	AI	6,022,871	02/08/00	(Bel. to corresp. to EP Maienfisch et al	580,553) 514	229.2	
	AJ	6,022,967	02/08/00	(Bel. to corresp. to EP Shiolawa et al	192,060) 544	298	
	AK	6,124,297	09/26/00	(Bel. to corresp. to EP Minamida et al	302,389) 514	255	

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	AA	6,160,126	12/12/00	(Bel. to corresp. to EP Kando et al	471,372) 548	477	
	AB	6,187,773	02/13/01	(Bel. to corresp. to EP Wu et al	428,941) 514	245	
	AC	6,232,309	05/15/01	(Bel. to corresp. to EP Shiolawa et al	386,565) 514	222.5	
	AD	6,297,374	10/02/01	(Bel. to corresp. to EP Shiolawa et al	192,060) 544	55	
	AE	2001/0046994	11/29/01	(Bel. to corresp. to EP Wu et al	428,941) 514	241	
	AF	6,344,453	02/05/02	(Bel. to corresp. to EP Shiolawa et al	386,565) 514	223.8	
	AG	6,376,487	04/23/02	(Bel. to corresp. to EP Maienfisch et al	580,553) 514	229.2	
	AH	6,407,248	06/18/02	(Bel. to corresp. to EP Minamida et al	302,390) 546	331	
	AI						
	AJ						
	AK						

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	AL							
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